# IMPORTANCE OF HISTORY AND NATURAL GAS

reau of Mines Urges Economy.

Director Manning of Bu-Natural Gas Formed by Hydrogen and Molten Metals.

PRODUCTION PROBLEMS HIGH HEATING VALUE

# ulate Increased Output In All Sections.

conference room, recently made the formed by water being decom cerning the natural gas industry: against the flagrant waste occuring in the gas resources, and make demands that such waste be abated; they must realize that the responstbility for this waste is a dual one.



production, and the domestic conmust realize that these wastes do not concern him alone, ner that pleases him. no matter upon the density of the sand. how wasteful. Natural gas is a The rock pressure of a well is the natural resource in which every pressure in square inches, shown by

iblic has a right, therefore to demand that this natural asset be used to the greatest advantage of all and that no one be allowed Natural gas in each city is a community asset, and any consumer suffer at suc times regardless of the volume because of the extravagance and drawn from the well. This varies waste of other consumers, even from \$50 to \$300 per well per anthough they are willing to pay for num. the gas wasted. Nor can the citi- The furnishing of natural gas companies that market it. The purpose of the conference

by Secretary Lane, of January 15,

Mines, as authorized by Congress, went preparation, treatment and utilizawith a view to economic developconserving resources through the preservation of waste; to inquire into the economic conditions affecting the industry.

hold an impartial position in regard to the public and the industry.

"In formulating and discussing plans for conserving our natural gas resources, which this committee is and the year of first recorded proto take up, I am of the opinion that we should limit our discussions to general problems at the start, rather than to consider specific cases. I am also of the opinion that conservation through education will serve our immediate needs in a more profitable manner, and believe there will be no difficulty in securing the hearty co-operation of everyone for thirty years, and in Ohio and connected with the industry. It very West Virginia for thirty-four often happens that in attempting to years. solve problems and arriving at a that gas was first produced in fair basis of adjustment failures to Ohio thirty-four years ago, pracaccomplish material results have tically every hamlet, town and city been brought about because at the beginning of their endeavors one tically every hamlet, town and city in Ohio is now using natural gas. party or the other assumes a too der that the benefits from this natucritical attitude.

ways and means to accomplish this. cient use of natural gas. Limited engineering investigations "6. That the appropriate State and are being carried on at the present Federal agencies be urged to conduct time by the Bureau of Mines in the educational campaigns to instruct various gas fields, and the results consumers and the public in the im-

will be available to the public. "The resolution which this com- gas: how economies in the use of mittee is to function is as follows: natural gas may be effected, and on limited in quantity and is not being that the public may be informed on replaced by nature.

"2. There is no other fuel that most intelligent manner. can replace natural gas which is as "7. That every effort be made towards

failing in many communities. order that the supply of conserved and its life prolonged. natural gas may be prolonged and "8. That a committee of ten be apthe service improved, this confer- pointed by the chairman of this conence recommends that the appropri-ate agency in each State which uses industry, and the public and Federal natural gas take measures to dis- institutions, to co-operate with the cover what amount of natural gas Director of the Bureau of Mines in is now being wasted by the con- working out a constructive program sumer, the various causes of such for the conservation of natural gas

### Committee Formed to Stim-Life of Wells Governed By Many Influences.

Dr. Van. H. Manning, Director, Metals consist principally of carbons United States Bureau of Mines, at or the combinations of carbons with the first meeting of the National Committee on Natural Gas Conservation held in the Pursua of Mines, at some other element. Water consists of two parts hydrogen and one part oxygen. It is the now generally acvation, held in the Bureau of Mines cepted theory that natural gas was following important statement con- into hydrogen and oxygen and the cerning the natural gas industry:

"It is time that the producer and the consumer consider the conservation of natural gas. It is time for them to realize that their duty is not done when they cry out against the flagrant waste occurnatural gas was formed by the decomposition of vegetable matters. In this connection it may be stated that coal deposits have nothing whatever to do with natural gas deposits. As a rule the coals that are mined for commercial uses are found at depths much shallower than natural gas.

Natural gas has a heating value .000 B. T. U.'s. The general standard for the present artificial gas manufac-tured is approximately 600 B. T. U.'s. Natural gas is odorless and will not give any illumination when burned in in open burner, while artificial gas, as you know, gives a luminous flame when burned in an open tip.

The life of gas wells and fields is

question that is continually asked by people who are not familiar with the various developments. It can be stated in a general way that the life of the individual well depends, first, upon the number of wells drilled per acre in the par-ticular field and the rapidity with which the gas is drawn from the well; second, the density of the sand. that is, the finaness or coarseness of the sand; third, care of the wells. S. S. Weyer, who was connected with the natural gas division of the Fuel Administration, has stated in recent booklet that the average life of all natural gas wells throughyears, while the life of the natural gas wells in the State of Ohio has averaged only five years. At this point it might be well to

xplain that the amount of gas delivered by an individual well white open to the atmosphere is designated as the "open flow," and in no case is it ever possible to draw from "open flow." The percentage drawn and consequently he has not the from the well is usually from 10 right, merely because he pays for per cent to a maximum of 30 per the gas, to employ it in any man-cent, the variations being dependent

user of this country has an equity, an ordinary gauge when attached to Those who waste the gas do so at the well when closed in. This presthe expense of others who would sure corresponds in a general way use it efficiently. Natural gas is to the hydrostatic pressure; that is not replaced by nature, and in com- if a well is 1,000 feet deep, the iniparison with the life of the nation tial rock pressure is 500 pounds. If the duration of the supply will be a well is 1,500 feet deep, the pressure is roughly 750 pounds. In other words, the pressure in pounds is approximately one-half the depth of the well in feet.

Gas leases are generally taken. upon the following conditions: every consumer has a right to demand that wasteful use shall be prohibited in the interest of the failing to do so, agrees to pay a The company agrees to drill the public service. This is particularly rental charge for acreage a year, important during cold spells in the amounting to from 10 cents to \$1.00 winter, when the supply is insuf- per acre. After the well is drilled ficient and actual suffering may oc-cur. Clearly it is not right that tains a fixed amount a year per well

zens justify demands for better to the consumer may be divided service from the public utility com- into three parts, namely, 1, propanies without making provision to duction; 2, transportation; 3, local correct abuses in their own homes. It must be recognized that the pub- made by the early natural gas peolic has been, and is today, just as ple was that the producer should much a party to the crime of wasting this natural resource as are the price of the gas, the pipe line company (that is, the company that takes the gas from the fields to on natural gas conservation, called the village, town or city), should receive one-third, and the company 1920, and the appointment of this that distributes the gas in the comcommittee, is to suggest some rem- munity should receive the balance, edies of the wasteful methods as or one-third. This arbitrary division may have been equitable with the The functions of the Bureau of early developments, but as time are to make inquiries and investi- were further removed from the gations concerning the mining, marketing centers, the pipe line companies had to continually intion of petroleum and natural gas, crease their investments, and therefore are entitled to a greater percentage than 33-3 per cent of the

selling price of gas. Natural gas is produced and sold in twenty-four States of the union "The Bureau of Mines will render In 1917 there were in round numall assistance and co-operation pos- bers 795,000,000,000 cubic feet of sible within its means, but it must gas sold to 2.430,000 domestic consumers and 18,600 industrial con-

The States in which the largest

sumers.

amounts of natural gas are sold duction are in the following order: Pennsylvania ...... 1882 West Virginia ...... 1885 New York..... 1885 Oklahoma California It will be noted from this that Notwithstanding the fact

ral resource be prolonged.
"The public has expressed its de-"5. That the appropriate agencies, sire to procure actual demonstra-tions in methods of utilization of gas, and we should consider the

portance of the wastes of natural 1. The supply of natural gas is the natural gas situation in general, the subject and deal with it in the

can replace natural gas that as effi-cheap, as convenient and as effi-cient. arriving at understandings between the natural gas industry and the com-"3. The supply of natural gas is munities using natural gas as to how the supply of natural gas can be best

ference to represent the natural gas waste, and adopt such measures as and the bettering of the natural gas may be available to reduce such service, and in collecting and diswastes and effect economies, in or-tributing information on this subject."

# NATIONAL MARKETS

NATURAL GAS STATISTICS. M'KEESPORT GAS STOCKS. age price (cents per M cubic feet).

795,110,376

JAMES L. QUINN .\$6.00 1 month ..... 3.00 Single copy ..... All subscriptions payable in advance.

BRADDQCK, PA., (Melliesport, Pa.), JAN. 31, 1920

REAL FIGURES.

The people in the McKeesport gas field are happy, and investors in the many different propositions are encouraged, by the reports made of the gas from the Lamp-Auld and Hamilton wells, to say nothing of the big yield of the Foster well on the Stewart lease.

Heretofore reports as to what wells are doing can be said to be nothing but what the word implies, "reports". The trouble with the reports were that they were street talk, claims made by promotors and in broker's offices.

But the reports of the past few days are more than that -the are actual statements from headquarters, and therefore . uthoritive.

The amount of gas from the Lamp-Auld well for the last 1t days in December, that was paid for by the Peoples Gas Company, was 12,597,600 feet each and every day.

It will be remembered that this well was on fire and burned fiercely for several days, and that a house was burned. All these bills had to be paid and also there were a large number of bills for various expenses.

After these bills were paid, after all of the deductions for expenses, each shareholder received a sheck for \$348.04 for the 10 days run of gas. This means that they will each receive about \$1,600 a month. And it must not be overlooked that this is on an investment of \$500.

The one-eighth interest that is reserved to the property owner by the laws of the state must not be overlooked in this connection, because while one-eighth seems small, in this case it mounts up to figures that some people would speak of as "telephone numbers."

The property is owned by Miss Annie Smith who was a stenographer in the tube works. For the 10 day's gas from the well, from which was also deducted her one-eighth share of the expenses, she received a check for \$2,204.58. Don't forget that this is for only 10 days in December. January statement is not ready yet as the month is not out. At this rate the young woman will receive yearly about \$80,000 from the lease, and if it keeps on for a few years she will be classed as the wealthiest woman in McKeesport. And all from a piece of property that report says could have been bought a few years ago for \$250.

And on top of this is the statement (not report) that the run of gas from the Hamilton well for December was at the rate of 30,000,000 feet a day. David Foster has given out the statement and it must be true beyond question. Thirty million feet a day for 31 days at 16 cents per 1,000 feet is-ret your pencil and paper and go to work figuring it out. You can do it as well as we can.

These figures are given here particularly for the people on the outside, people who have money invested in the field and who are not in a position to get facts first hand.

They are given because there have been all kinds of reports in circulation in regard to field. Some of them, indeed very many, have had no foundation at all and appear as if they were malicious inventions to injure the McKeesport

That the McKeesport gas field is the most wonderful in the world there is no doubt. No other gas field has ever produced so much gas in four months as has this. No other field is seached by the mains of the companies ready to connect with the wells the day they come in. No other section demands the amount of gas that the Pittsburgh district does, and it may be said that in no other district can such a price as the distributing companies are paying be secured.

And the McKeesport field is a paying field. It is also a coming field as the Foster-Stewart well, that came in the other day good for 25,000,000 and more, proves.

then act at once!

# Your \$100.00 has even a better chance!

because you share in 10 Wells

59,666

42.26

17.87

142,089,834

a mouth on an investment of \$ 500.

\$2.204,58 days

WILL THEY NEVER STOP? Another big well is "IN" -- the Lynch No. 1, located on Walnut Street, with a flow estimated at Ten Million feet. Other wells are spouting gas as they near the Speechley sand. Think of the golden dollars you would now be earning if you had invested \$100, \$200 or \$500 in any one of these wealth-producing wells! This is your chance-take it! Why with 10 wells running right thru the heart of this proven territory, surrounded on all sides by roaring wells-How Can We Lose? Your \$100, which entitles you to 7/8 interest in 10 Wells has a 10 to 1 better chance of striking gas or oil than those who made a fortune out of one well alone.

# Derricks Going Up on Proven Ground--Quick Action is Necessary

Ten derricks are going up in close proximity to producing gushers, two derricks are already up. two others nearly completed -- all material is on the ground. Quick action is necessary, and we are as anxious to get results as you are. Let's work together and it will be only a few days until we hit "pay sand".

## A Square Deal for Every Share Holder in our 10 Wells

Don't buy your shares blindly. Don't invest a penny until you know who the promoters are, their standing, their financial responsibility.

Mr. Lee Hirshberg, General Manager, is a well known business man. having been in the furniture business for the past 15 years on Walnut Street, McKeesport, Pa. If you decide to go along with Mr. Hirshberg in this partnership proposition you can count on getting a fair and square deal from every angle. Weigh these facts carefully, then let your good judgment decide whether or not you will go along with us.

# SHARES \$100 EACH---ACT AT ONCE!

This is a partnership proposition capitalized at \$800,000—shares sell at \$100 each, fully paid and non-assessable. Every share holder will receive % interest in all 10 wells. 1/4 royalty goes to the land owners. Make all Checks or Money Orders payable to MR. LEE HIRSHBERG, GENERAL MANAGER, 718-728 Walnut St., McKeesport, Pa.

H. R. SIMS & CO., Peoples Bank Bldg., Pittsburg.

# Lee Hirshberg

First well to be drilled within two weeks --- others to follow in rapid succession. Action! --- ACTION! --- ACTION!

mail at once-

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> Gentlemen-Please reserve for me...... ...........shares in your 10-well proposition.

Street or R. F. D. No.....

take Cheeks Payable to Lee Hirshberg, Gen. Mgr. Washington Herald

